

METHODS FOR THE LATE INTRODUCTION OF ADDITIVES INTO POLYETHYLENE TEREPHTHALATE

ABSTRACT OF THE DISCLOSURE

The invention is a method for the late introduction of additives into polyethylene terephthalate. The method employs a reactive carrier that functions as a delivery vehicle for one or more additives. The reactive carrier reacts with the polyethylene terephthalate, thereby binding the reactive carrier in the polyethylene terephthalate resin and preventing the emergence of the reactive carrier and additives from the polyethylene terephthalate during subsequent thermal processing.

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